

California Defense-Related Jobs, By Industry, 1996

(See footnotes at end of table.)

INDUSTRY	Standard Industrial Classification (SIC)	California Industry Jobs	Percent of Industry Jobs That Are Defense-Related	California Defense-Related Jobs *
All-Industries	--	10,746,294	0.033	349,894
Agriculture, forestry, fisheries				
Agricultural production	01,02	231,356	0.28	648
Agricultural services	07	261,354	0.51	1,333
Forestry, fishing, hunting, & trapping	08,09	3,735	1.12	42
Mining				
Metal mining	10	2,607	4.12	107
Coal mining	12	17	1.69	0
Crude petroleum, natural gas, and gas liquids	131,132	11,231	3.40	382
Oil and gas field services	138	9,466	0.49	46
Nonmetallic minerals, except fuels	14	5,515	2.01	111
Construction				
Construction	15,16,17	504,702	1.40	7,066
Durable Manufacturing				
Logging	241	4,123	1.67	69
Sawmills and planing mills	242	11,541	1.88	217
Millwork, plywood, and structural members	243	19,940	1.69	337
Wood containers and misc wood products	244,249	12,868	1.67	215
Wood buildings and mobile homes	245	4,216	0.43	18
Household furniture	251	27,743	0.58	161
Partitions and fixtures	254	7,990	0.46	37
Office and misc furniture and fixtures	252,253,259	14,506	0.35	51
Glass and glass products	321,322,323	12,942	1.98	256
Hydraulic cement	324	1,549	1.68	26
Stone, clay, and misc mineral products	325,326,328,329	12,997	2.80	364
Concrete, gypsum, & plaster products	327	16,897	1.48	250
Blast furnaces and basic steel products	331	8,174	4.13	338
Iron and steel foundries	332	5,952	5.20	310
Primary nonferrous smelting & refining	333	353	6.34	22
All other primary metals	334,339	2,981	6.33	189
Nonferrous rolling and drawing	335	10,513	6.05	636
Nonferrous foundries	336	6,547	10.43	683
Metal cans and shipping containers	341	5,385	1.12	60
Cutlery, hand tools, and hardware	342	12,747	3.31	422
Plumbing and nonelectric heating equipment	343	7,323	2.24	164
Fabricated structural metal products	344	32,774	3.25	1,065
Screw machine products, bolts, rivets, etc	345	10,958	6.71	735
Metal forgings and stampings	346	15,047	3.50	527
Metal coating, engraving, and allied services	347	19,611	7.33	1,437
Ordnance and ammunition	348	907	54.69	496
Miscellaneous fabricated metal products	349	14,325	3.54	507
Engines and turbines	351	4,345	8.83	384
Farm and garden machinery and equipment	352	2,995	0.81	24
Construction and related machinery	353	6,870	1.75	120
Metalworking machinery and equipment	354	16,184	3.18	515
Special industry machinery	355	21,137	1.01	213
General industrial machinery and equipment	356	16,923	3.89	658
Computer and office equipment	357	88,680	3.36	2,980
Refrigeration and service industry machinery	358	10,804	1.08	117
Industrial machinery, nec	359	42,213	9.81	4,141

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Electric distribution equipment	361	6,185	2.76	171
Electrical industrial apparatus	362	7,790	5.26	410
Household appliances	363	2,291	0.88	20
Electric lighting and wiring equipment	364	17,641	2.24	395
Household audio and video equipment	365	17,492	0.32	56
Communications equipment	366	37,685	10.03	3,780
Electronic components and accessories	367	137,083	11.47	15,723
Miscellaneous electrical equipment	369	15,376	6.65	1,023
Motor vehicles and equipment	371	33,518	0.56	188
Aerospace	372,376	106,998	41.46	44,361
Ship and boat building and repairing	373	10,679	34.40	3,674
Railroad equipment	374	251	1.10	3
Miscellaneous transportation equipment	375,379	7,823	13.11	1,026
Search and navigation equipment	381	58,481	46.88	27,416
Measuring and controlling devices	382	64,218	6.41	4,116
Medical equipment, instruments, and supplies	384	40,676	0.82	334
Ophthalmic goods	385	5,215	1.06	55
Photographic equipment and supplies	386	4,371	3.93	172
Watches, clocks, and parts	387	425	5.84	25
Jewelry, silverware, and plated ware	391	4,628	0.20	9
Toys and sporting goods	394	16,389	0.34	56
Manufactured products, nec	393,395,396,399	22,395	1.20	269
Nondurable Manufacturing				
Meat products	201	17,734	0.22	39
Dairy products	202	13,503	0.19	26
Preserved fruits and vegetables	203	47,030	0.15	71
Grain mill products and fats and oils	204,207	10,331	0.40	41
Bakery products	205	22,974	0.29	67
Sugar and confectionery products	206	10,591	0.18	19
Beverages	208	31,927	0.18	57
Miscellaneous food and kindred products	209	22,016	0.23	51
Tobacco products	21	C	0.02	NA
Weaving, finishing, yarn, and thread mills	221-224,226,228	8,322	1.52	126
Knitting mills	225	7,255	0.77	56
Carpets and rugs	227	2,443	0.14	3
Miscellaneous textile goods	229	1,910	1.27	24
Apparel	231-238	130,655	1.01	1,320
Miscellaneous fabricated textile products	239	25,425	1.38	351
Pulp, paper, and paperboard mills	261-263	1,406	1.81	25
Paperboard containers and boxes	265	19,285	1.61	310
Converted paper products except containers	267	15,305	1.12	171
Newspapers	271	43,618	1.73	755
Periodicals	272	12,506	1.31	164
Books	273	8,097	0.85	69
Miscellaneous publishing	274	9,236	1.63	151
Commercial printing and business forms	275,276	61,880	2.30	1,423
Greeting cards	277	235	0.25	1
Blankbooks and bookbinding	278	6,271	1.33	83
Service industries for the printing trade	279	4,646	2.96	138
Industrial chemicals	281,286	8,937	3.42	306
Plastics materials and synthetics	282	3,582	2.39	86

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Drugs	283	27,236	0.92	251
Soap, cleaners, and toilet goods	284	13,982	0.72	101
Paints and allied products	285	4,620	2.34	108
Agricultural chemicals	287	3,646	1.13	41
Miscellaneous chemical products	289	6,822	4.33	295
Petroleum refining	291	16,985	2.39	406
Miscellaneous petroleum and coal products	295,299	2,778	1.73	48
Tires and inner tubes	301	1,084	2.31	25
Rubber products and plastic hose and footwear	302,305,306	12,403	3.23	401
Miscellaneous plastics products, nec	308	59,739	2.62	1,565
Footwear, except rubber and plastic	313,314	1,607	0.48	8
Luggage, handbags, and leather products, nec	311,315-317,319	5,179	1.54	80
Transportation				
Railroad transportation	40	C	1.96	NA
Local and interurban passenger transit	41	39,536	0.30	119
Trucking and warehousing	421,422,423	148,763	3.03	4,508
Water transportation	44	18,740	2.41	452
Air transportation	45	131,289	3.67	4,818
Pipelines, except natural gas	46	1,427	2.34	33
Passenger transportation arrangement	472	27,742	2.57	713
Miscellaneous transportation services	473,474,478	29,954	2.64	791
Communications				
Communications	481-2,483,484,489	146,473	1.55	2,270
Utilities				
Electric utilities	491	16,702	1.49	249
Gas utilities	492	9,385	1.79	168
Water and sanitation	494-497	28,286	1.21	342
Trade				
Wholesale trade	50,51	745,255	1.83	13,638
Retail trade exc eating and drinking places	52-57,59	1,389,333	0.25	3,473
Eating and drinking places	58	836,393	0.57	4,767
Finance, Insurance, and Real Estate				
Depository institutions	60	213,444	0.65	1,387
Nondepository; holding and investment offices	61,67	89,739	0.67	601
Security and commodity brokers	62	50,057	0.37	185
Insurance carriers	63	119,048	0.32	381
Insurance agents, brokers, and service	64	78,168	0.32	250
Real estate	65	181,645	0.73	1,326
Services				
Hotels and other lodging places	701,702-704	180,606	1.65	2,980
Laundry, cleaning, and shoe repair	721,725	49,042	0.62	304
Personal services, nec	722,729	26,853	0.06	16
Beauty and barber shops	723,724	35,525	0.01	4
Funeral service and crematories	726	6,594	0.03	2
Advertising	731	30,392	2.18	663

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All-Industries	--	10,746,294	0.033	349,894
Services to buildings	734	94,606	0.95	899
Miscellaneous equipment rental and leasing	735	31,321	2.37	742
Personnel supply services	736	342,678	5.41	18,539
Computer and data processing services	737	186,351	3.77	7,025
Miscellaneous business services	732,733,738	297,599	3.14	9,345
Automotive rentals, without drivers	751	22,775	1.55	353
Automobile parking, repair, and services	752-754	125,513	0.39	490
Electrical repair shops	762	13,930	1.15	160
Watch, jewelry, & furniture repair	763,764	3,794	0.35	13
Miscellaneous repair services	769	28,965	4.39	1,272
Motion pictures	781-783	162,897	2.69	4,382
Video tape rental	784	16,011	0.04	6
Producers, orchestras, and entertainers	792	26,451	1.81	479
Bowling centers	793	7,150	0.17	12
Commercial sports	794	13,530	0.18	24
Amusement and recreation services, nec	791,799	146,988	0.38	559
Nursing and personal care facilities	805	121,406	0.12	146
Hospitals	806	300,506	-0.13	(391)
Health services, nec	807-809	87,401	0.02	17
Legal services	81	117,350	1.11	1,303
Educational services	82	155,537	1.54	2,395
Individual and miscellaneous social services	832,839	88,210	0.01	9
Job training and related services	833	30,329	0.87	264
Child day care services	835	43,952	0.01	4
Museums, botanical, zoological gardens	84	8,720	0.05	4
Membership organizations	86	97,122	0.21	204
Engineering and architectural services	871	102,444	7.45	7,632
Research and testing services	873	101,121	18.15	18,353
Management and public relations	874	140,376	6.69	9,391
Accounting, auditing, and other services	872,89	82,764	5.17	4,279
Government				
US Postal Service	--	96,165	1.70	1,635
Federal general government	--	160,087	46.78	74,889

Sources:

1996 California Industry Jobs: California Employment Development Department.

Percentages: U.S. Department of Labor, Bureau of Labor Statistics (BLS), *Monthly Labor Review*, July 1998, pgs 17-20.

* California defense-related jobs for each industry were calculated by multiplying the job count for each industry by the defense-related percentage for that industry. The percentages were developed by the BLS from the U.S. economy; however, they are also relevant for estimating California defense-related jobs. (The all-industries percentage was calculated by dividing CA Defense-Related Jobs by total CA Industry Jobs.) Defense-related employment, as defined by the BLS, excludes the military, but includes direct- and indirect-related private employment, and civilian employment in the Department of Defense.

C: Data are confidential. There are either less than three reporting units in the industry, or one employer accounted for 80% or more of the employment in the industry.

NA: Not available.